

FIG. 2

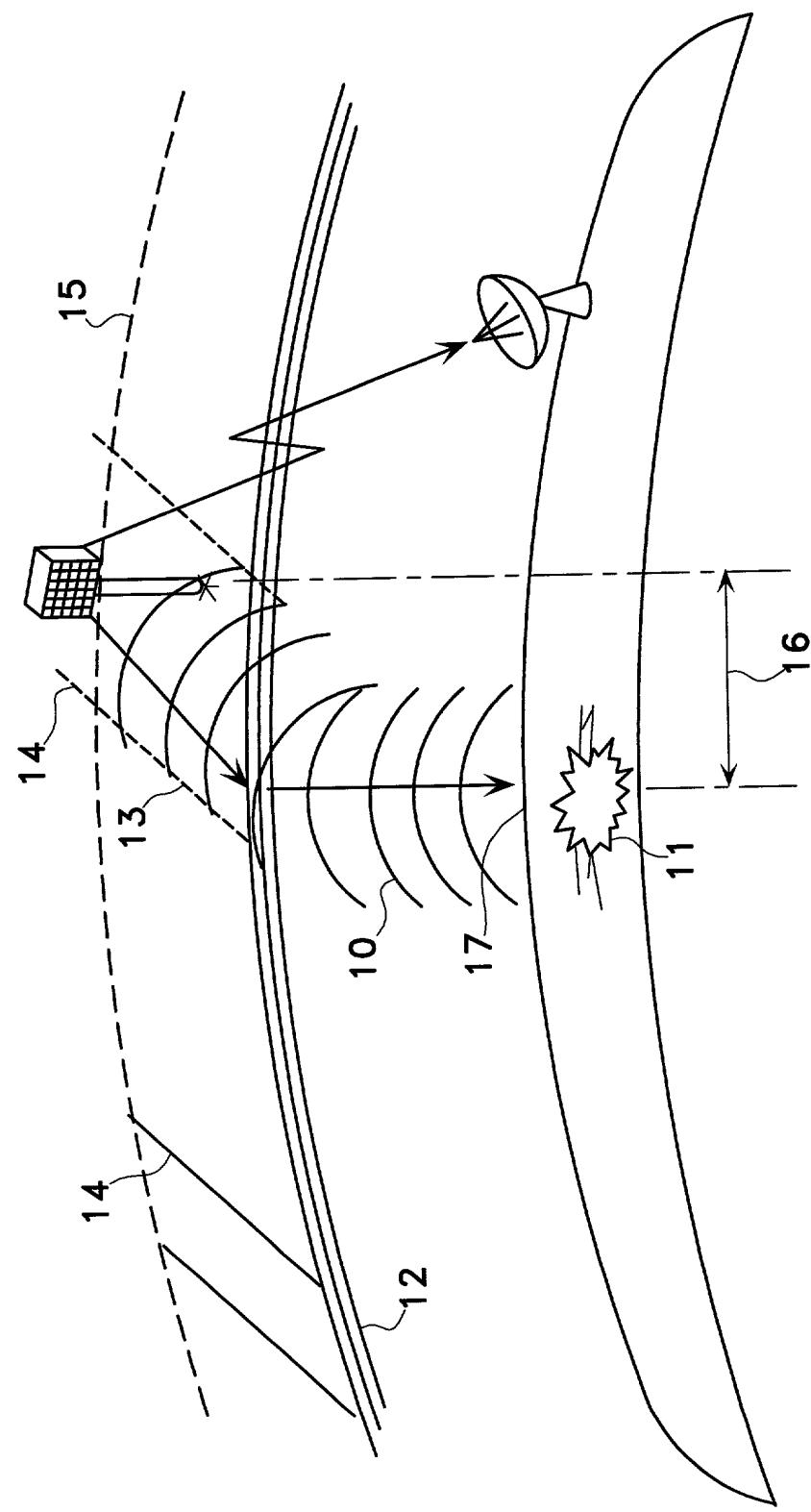
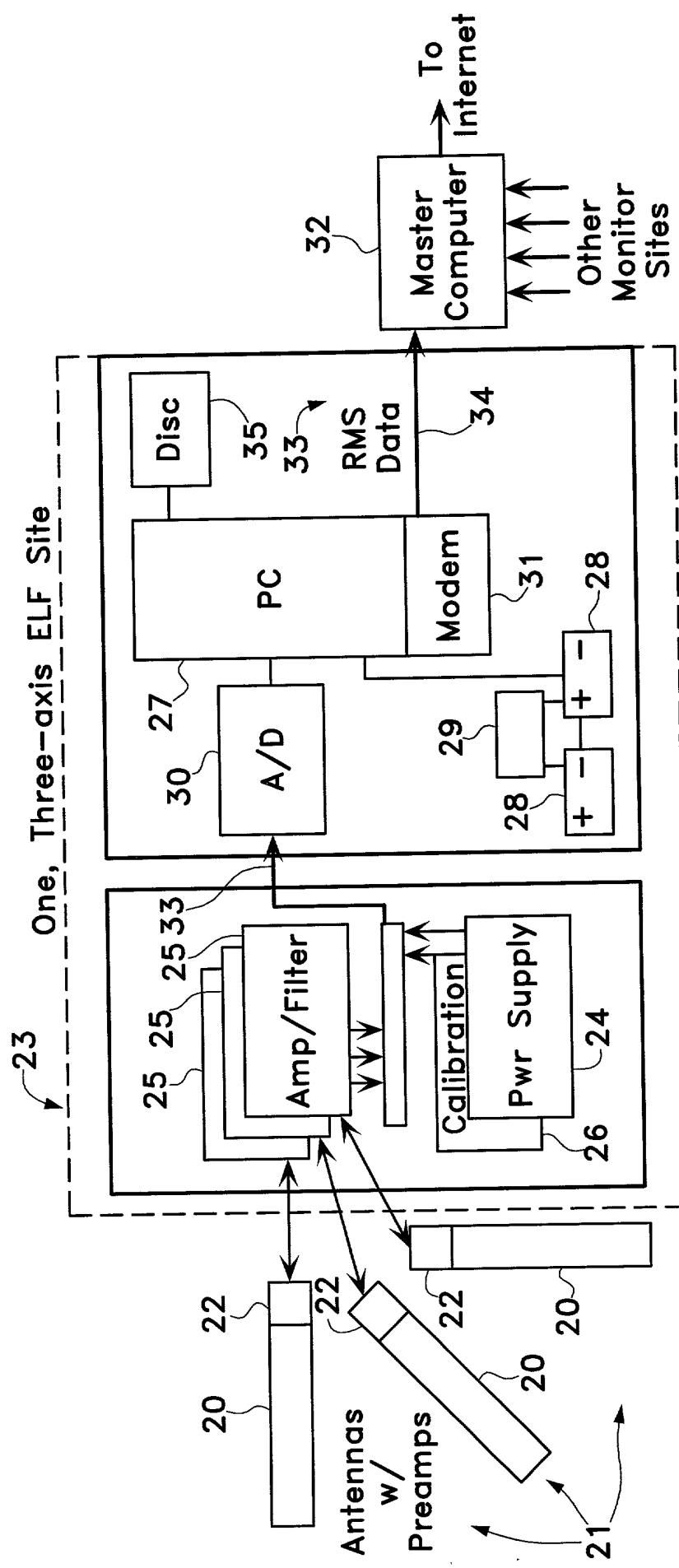


FIG. 3



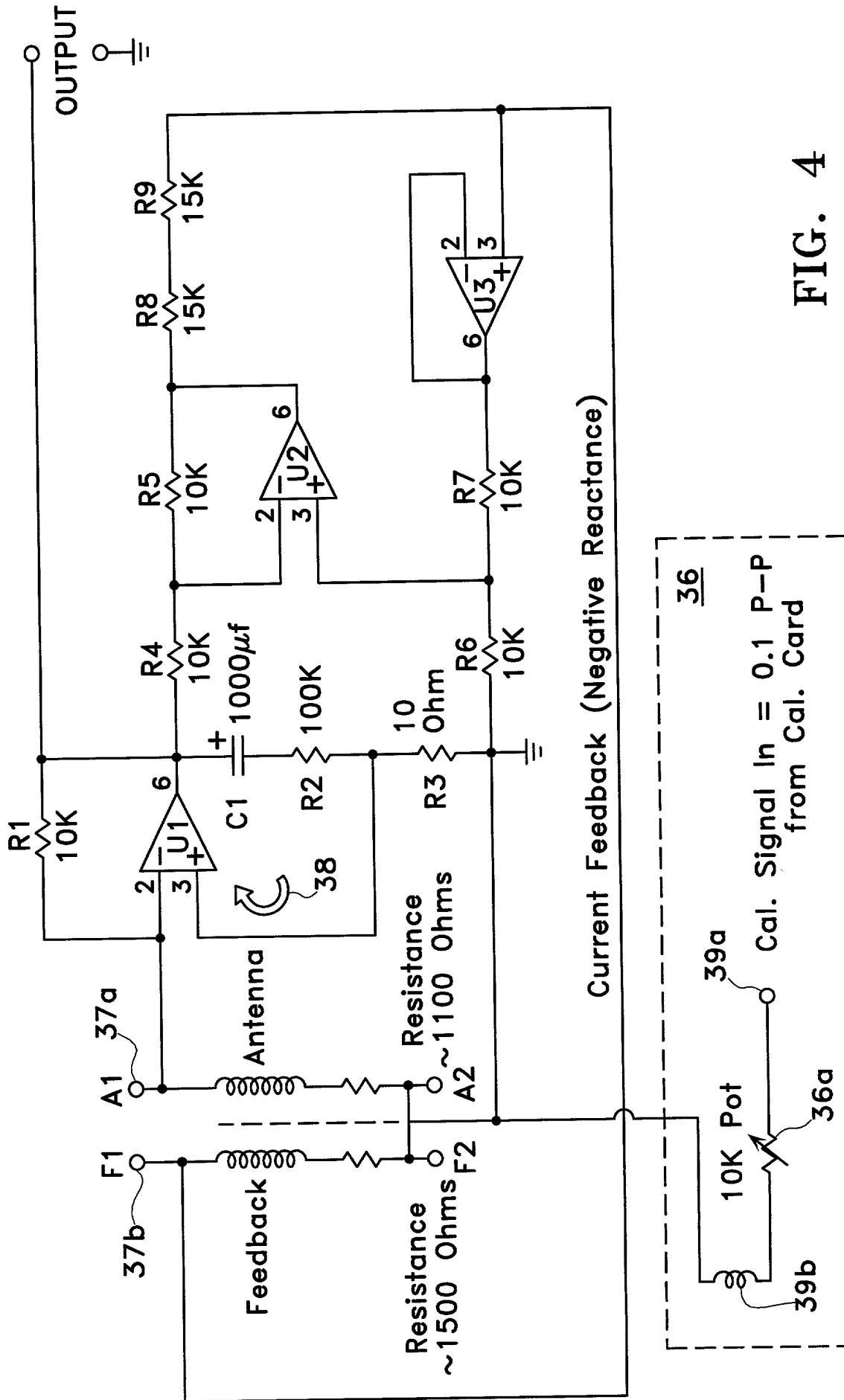
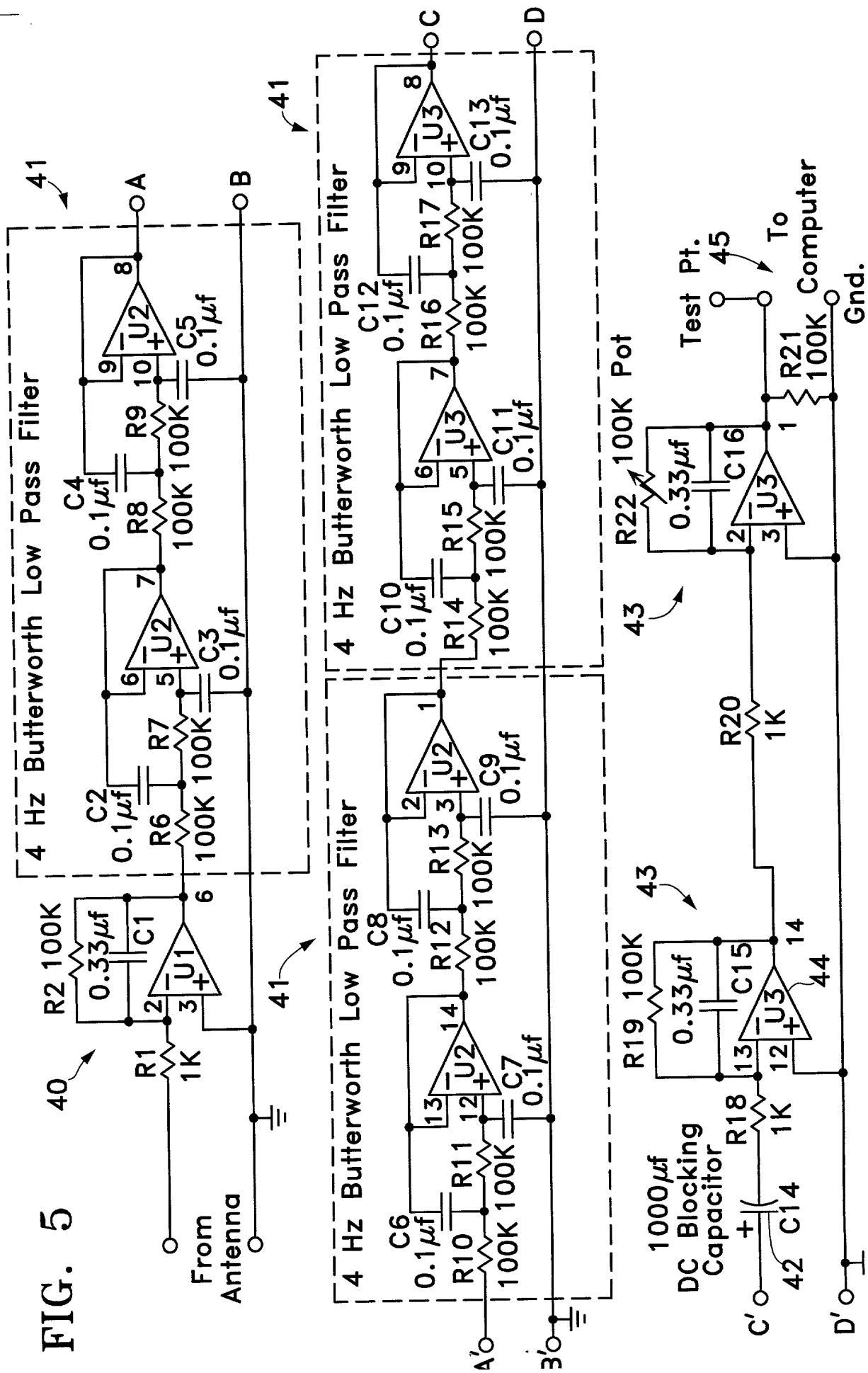


FIG. 4

FIG. 5



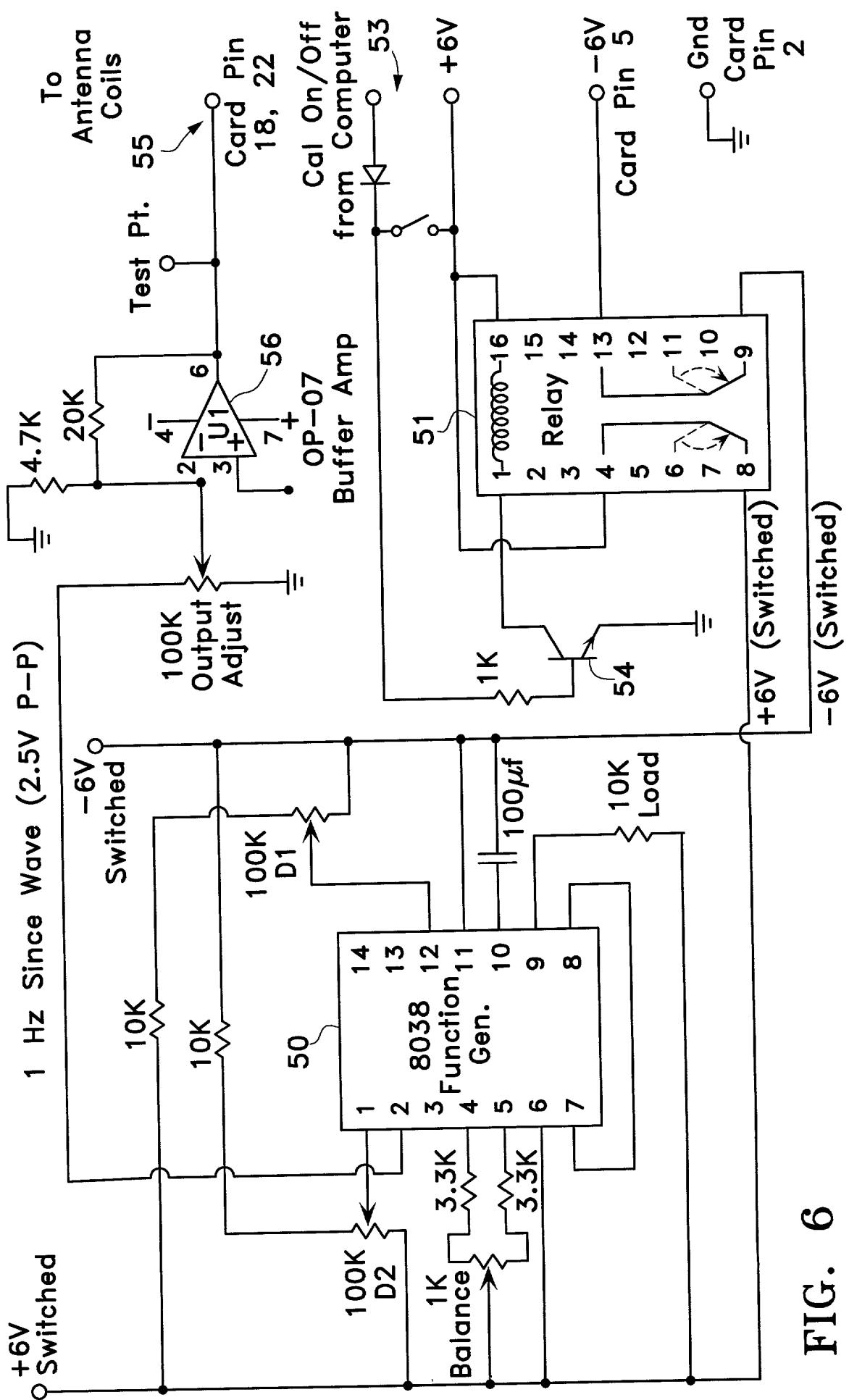


FIG. 6

FIG. 7A

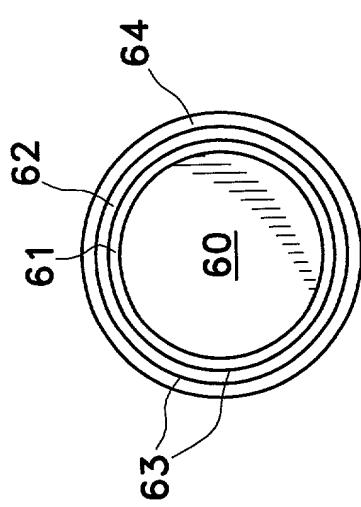
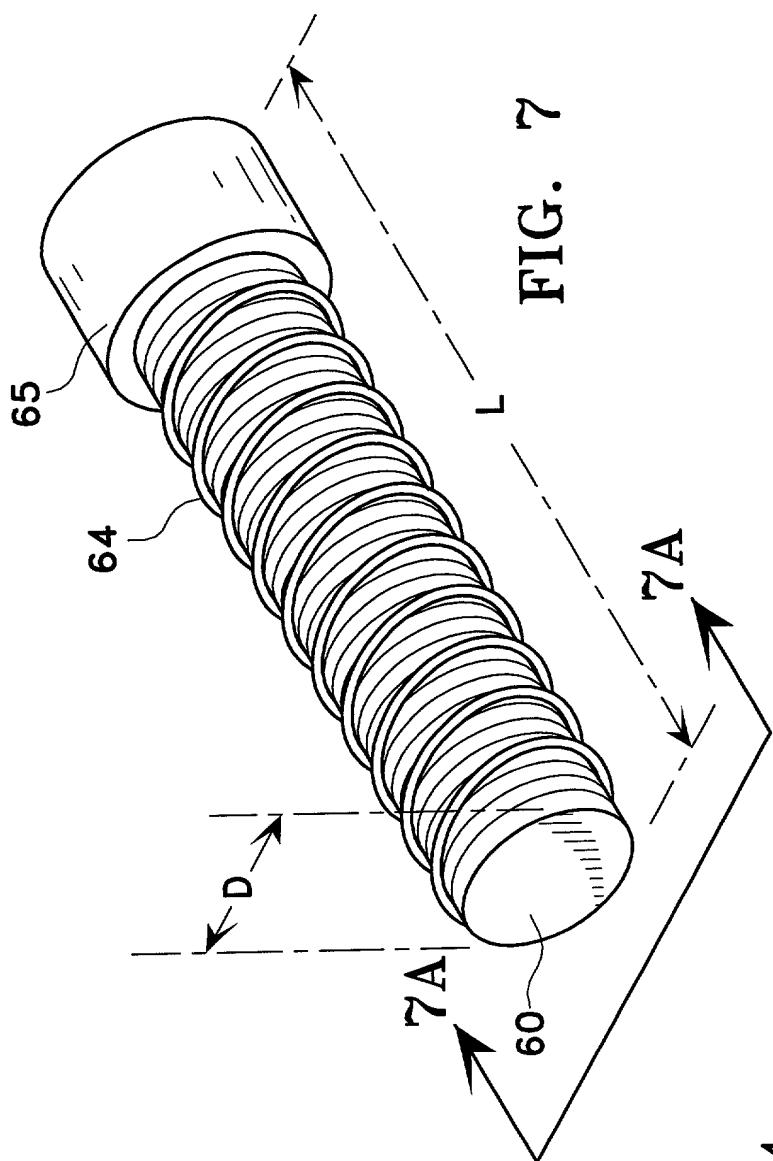


FIG. 7



71 Antenna Output at 1 Hz

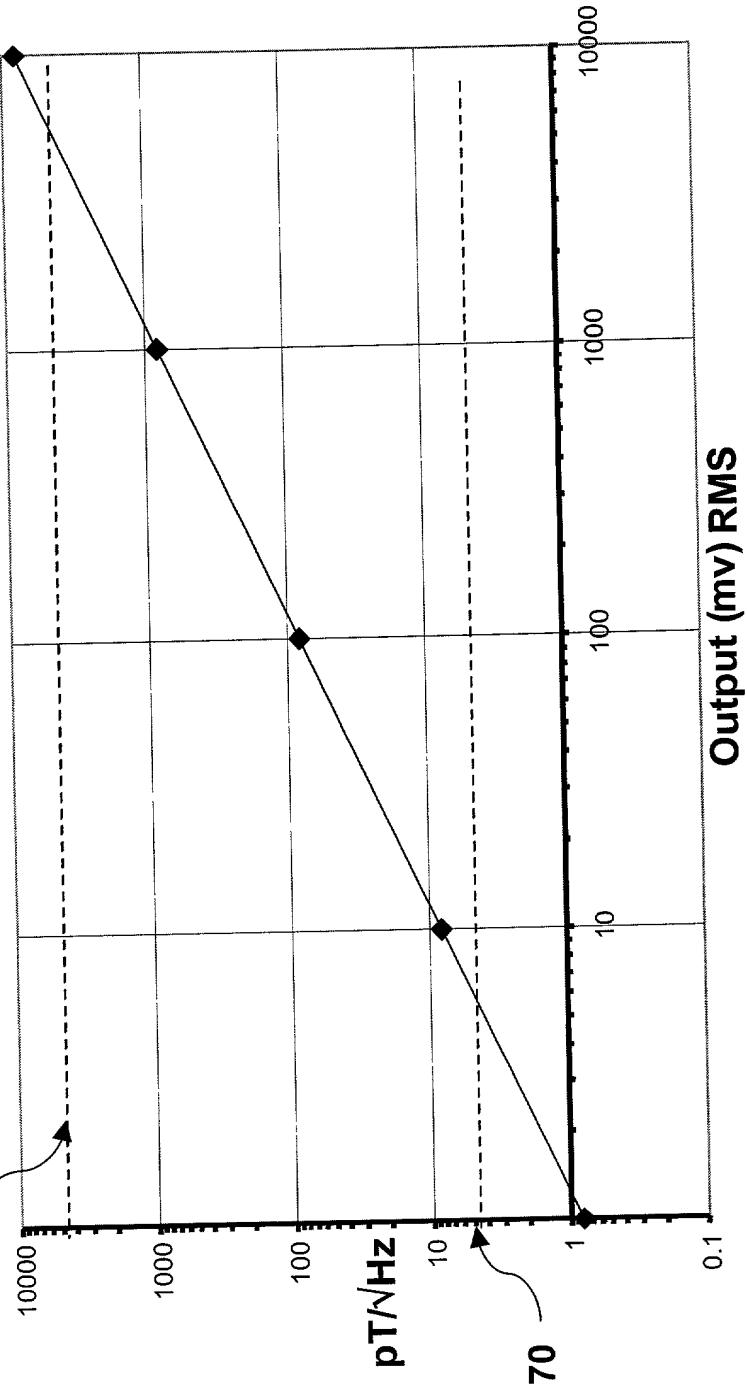
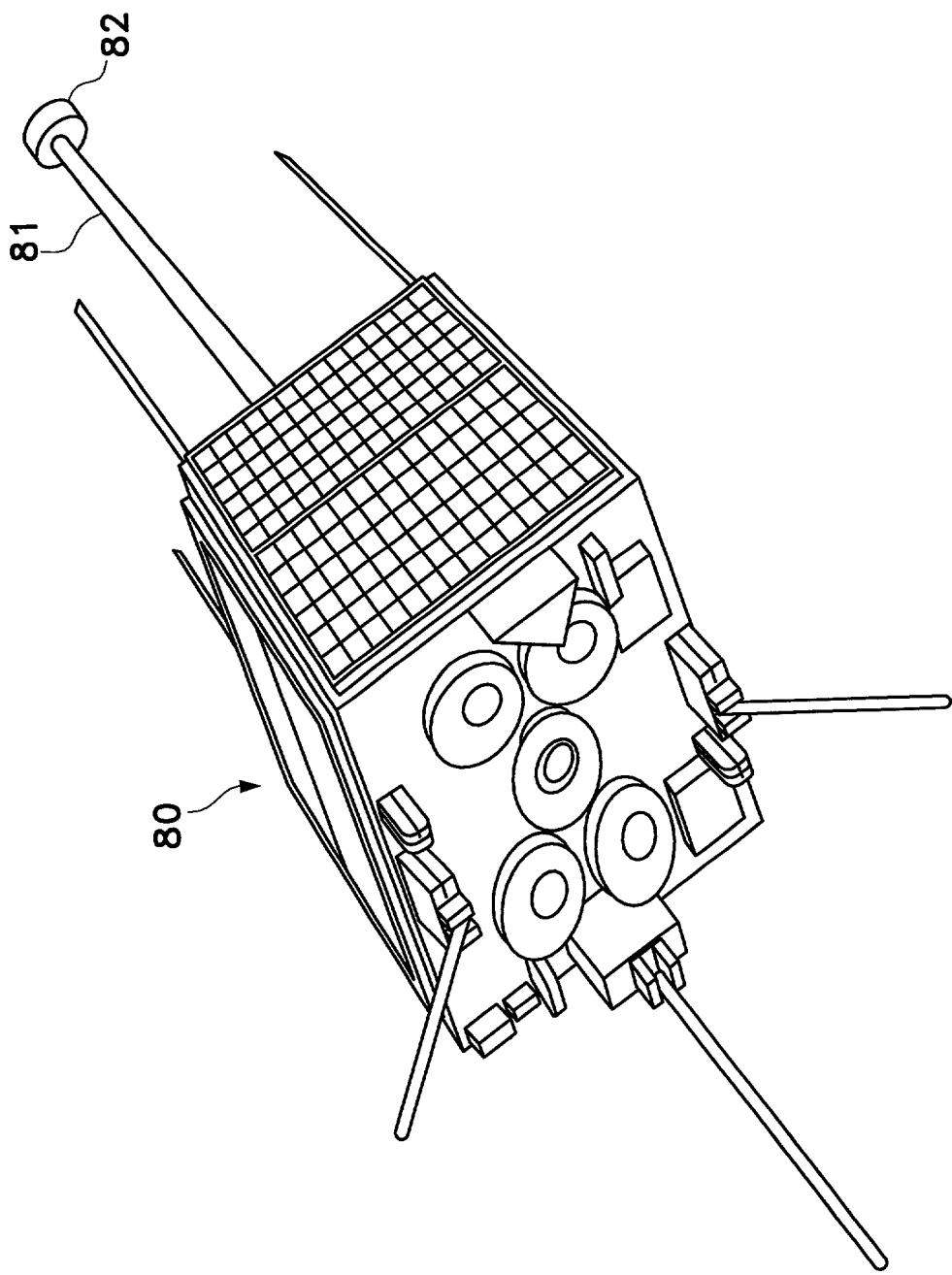
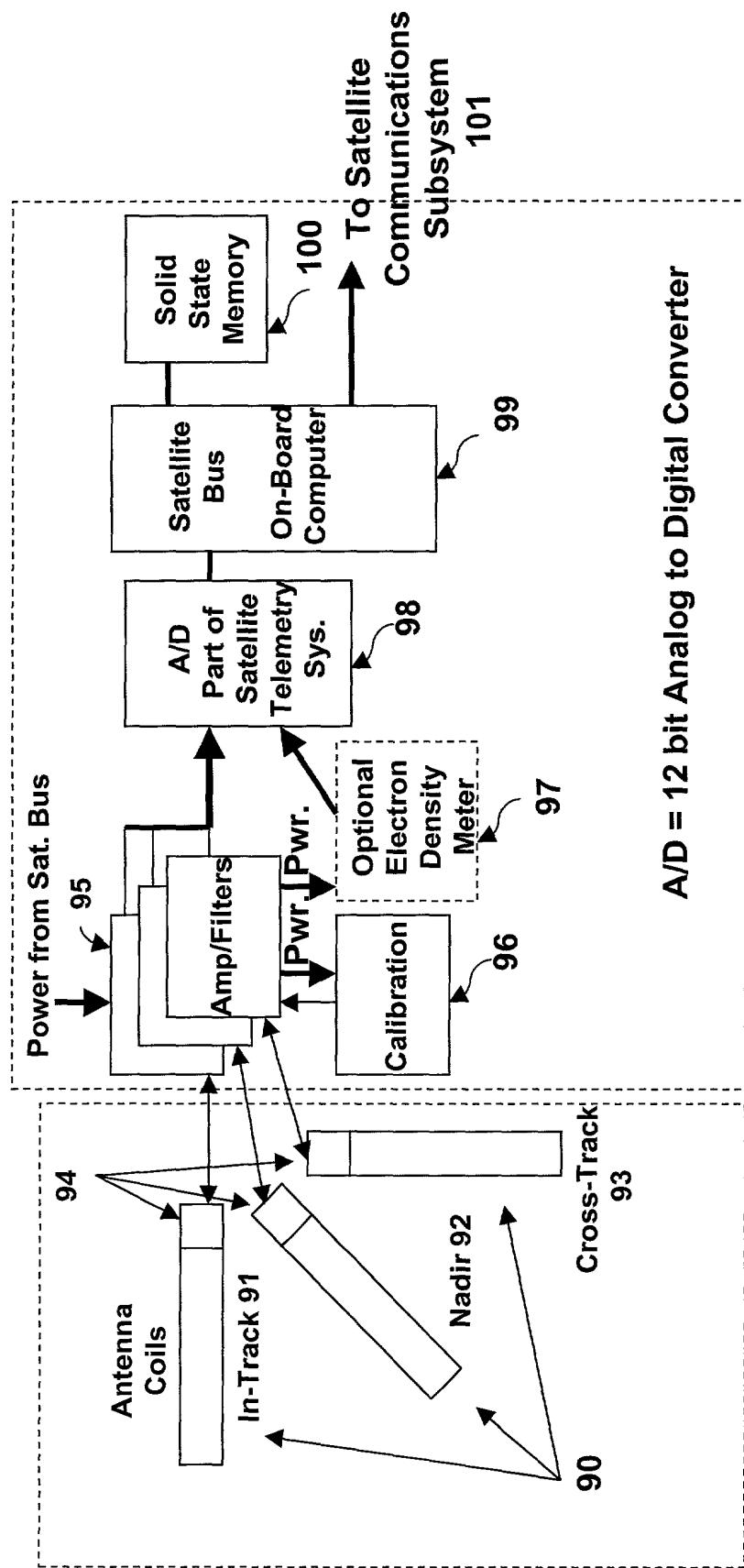


FIG. 8 Calibration Curve

**FIG. 9**



94 95 96 97 98 99 100 101



Located at tip of 3m Boom      Located inside satellite bus

A/D = 12 bit Analog to Digital Converter

**FIG. 10 Satellite Instrument Block Diagram**

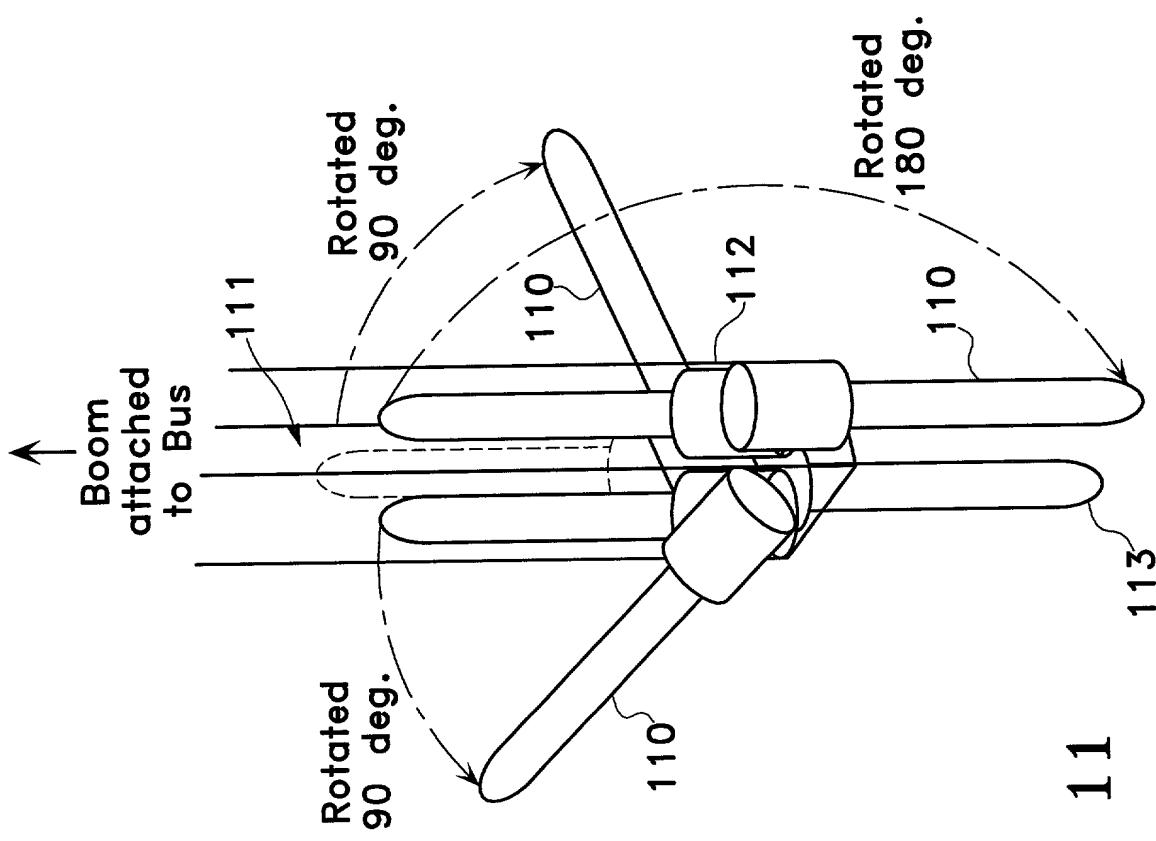


FIG. 11

FIG. 12

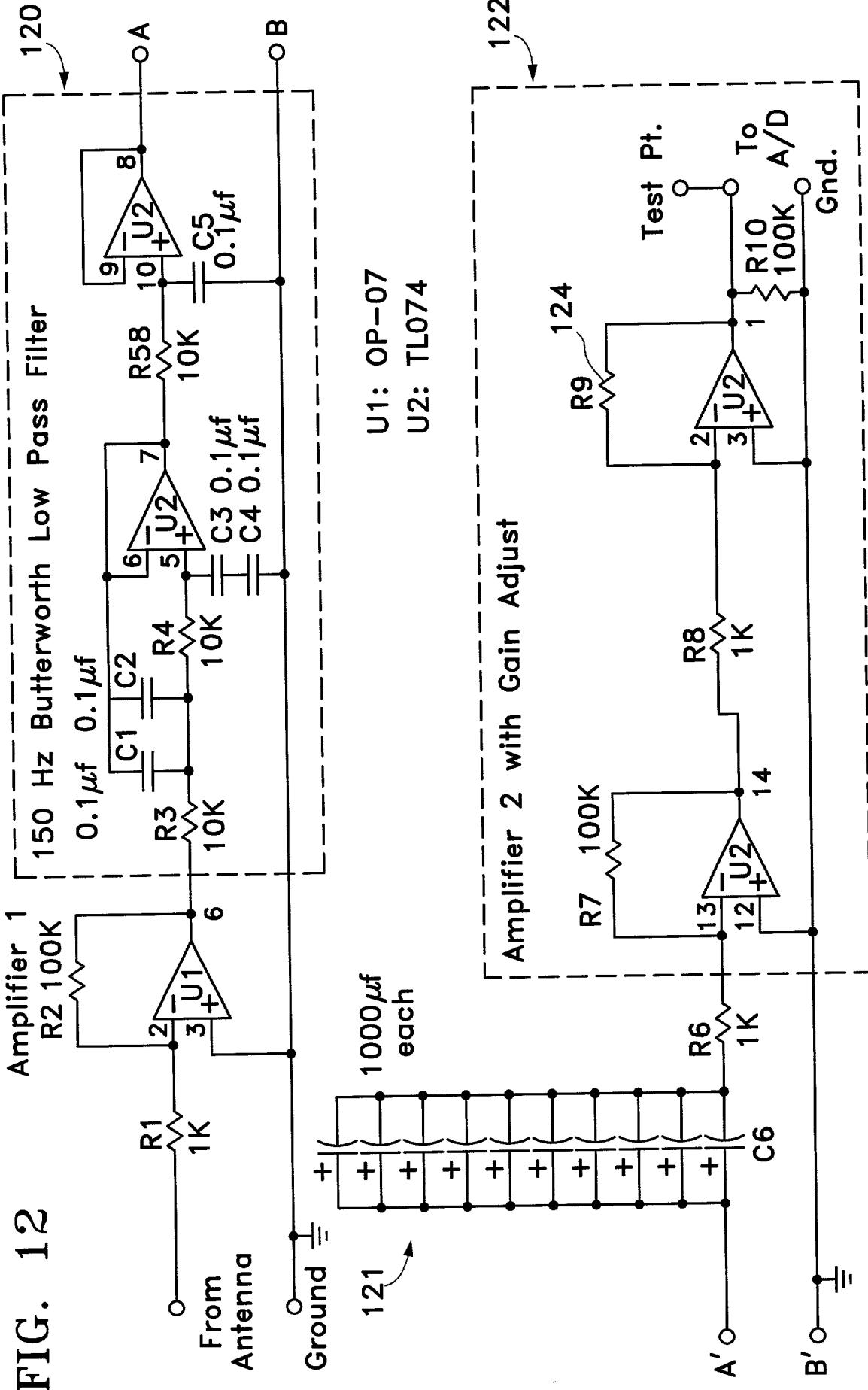
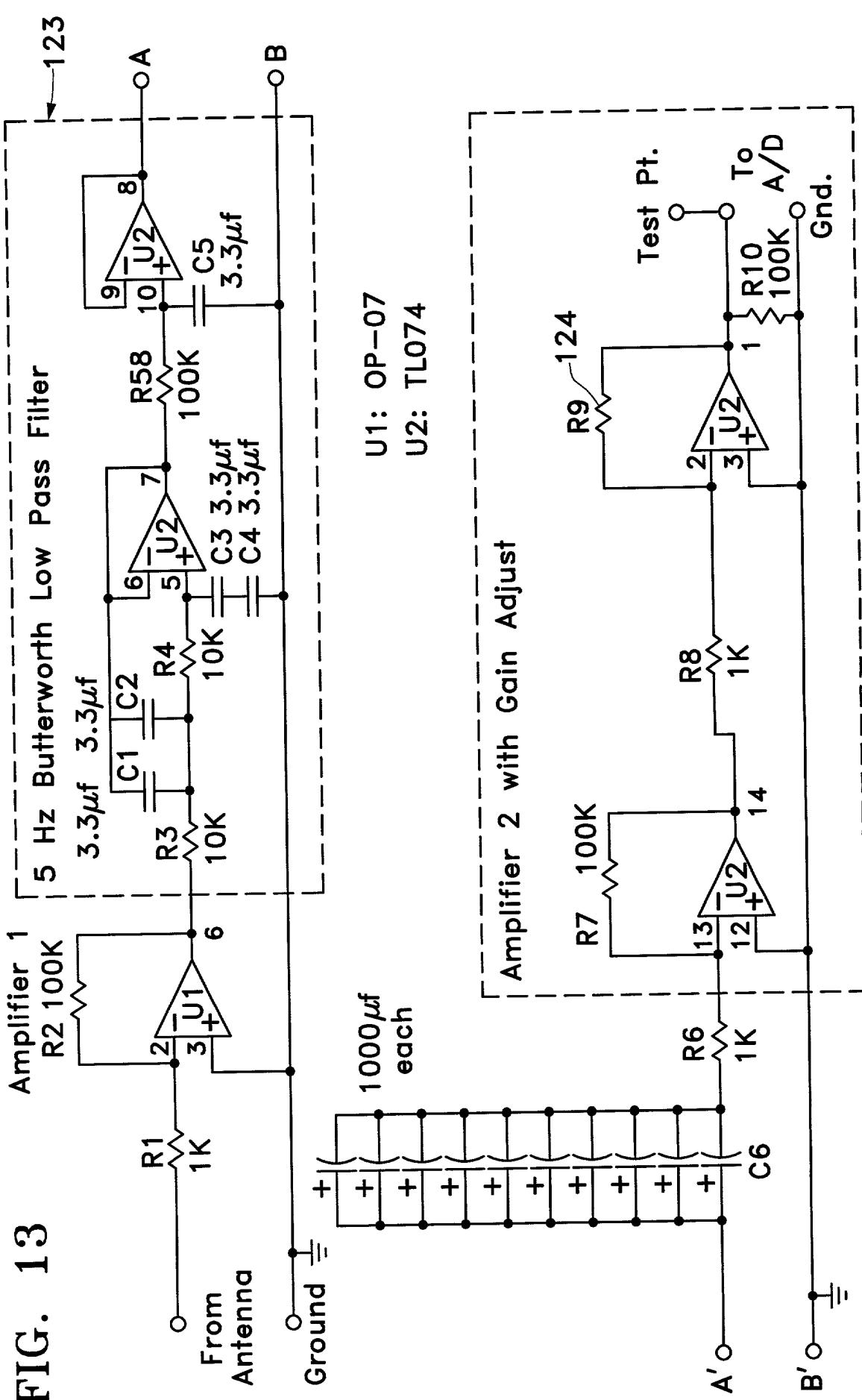
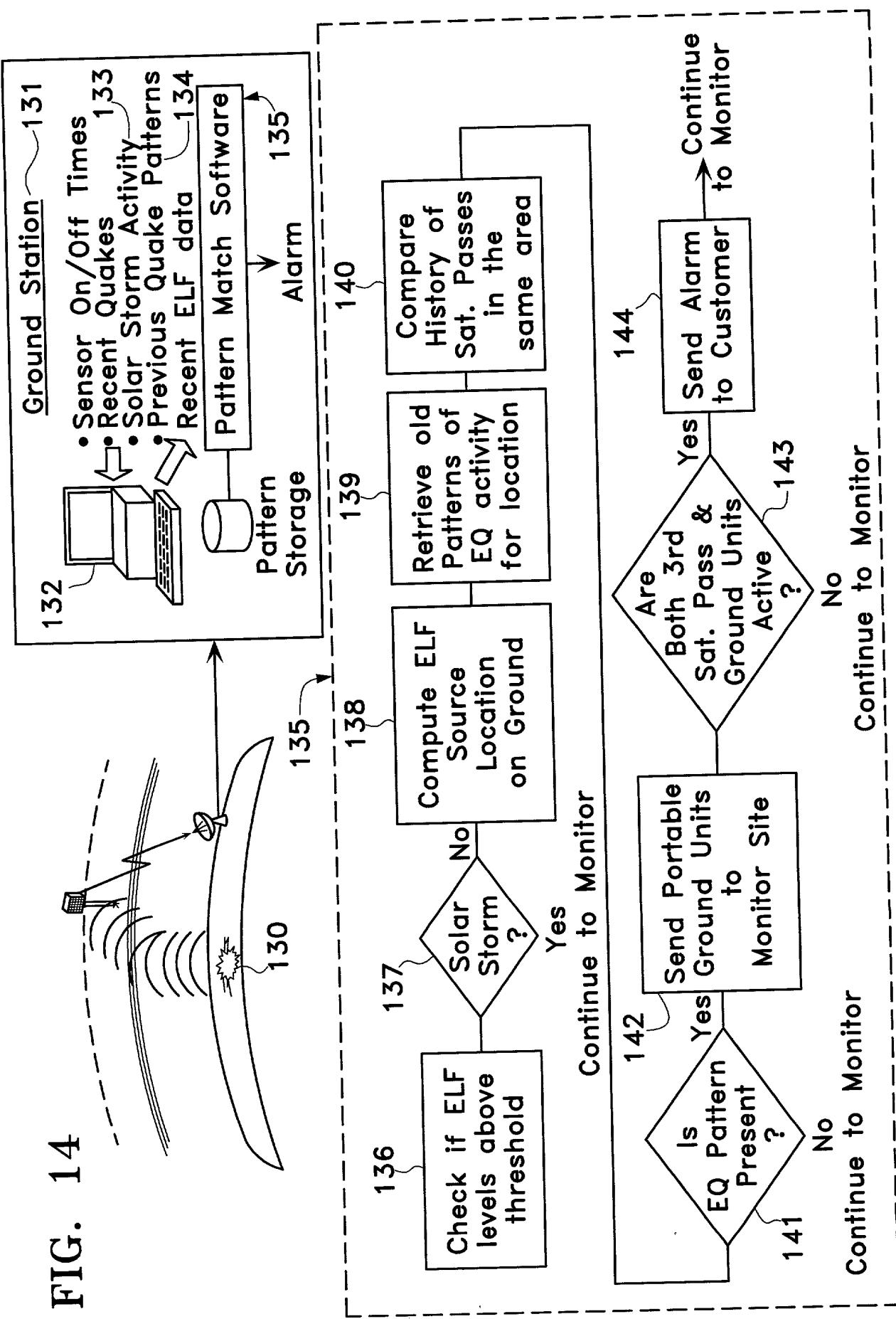


FIG. 13



**FIG. 14**



# Ground Monitoring Data Flow

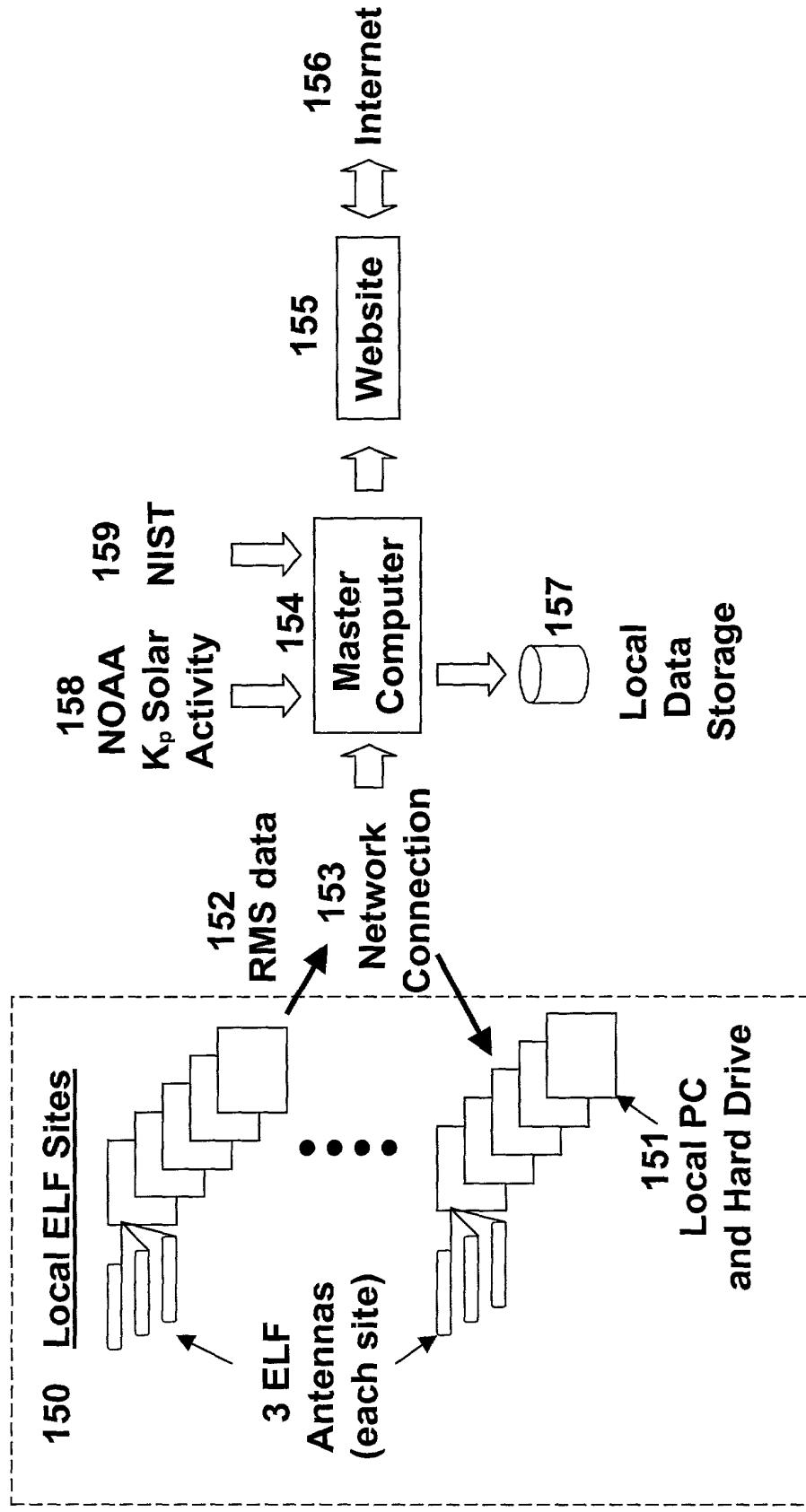


FIG. 15

# Earthquake Search Strategy (3-Point Compare)

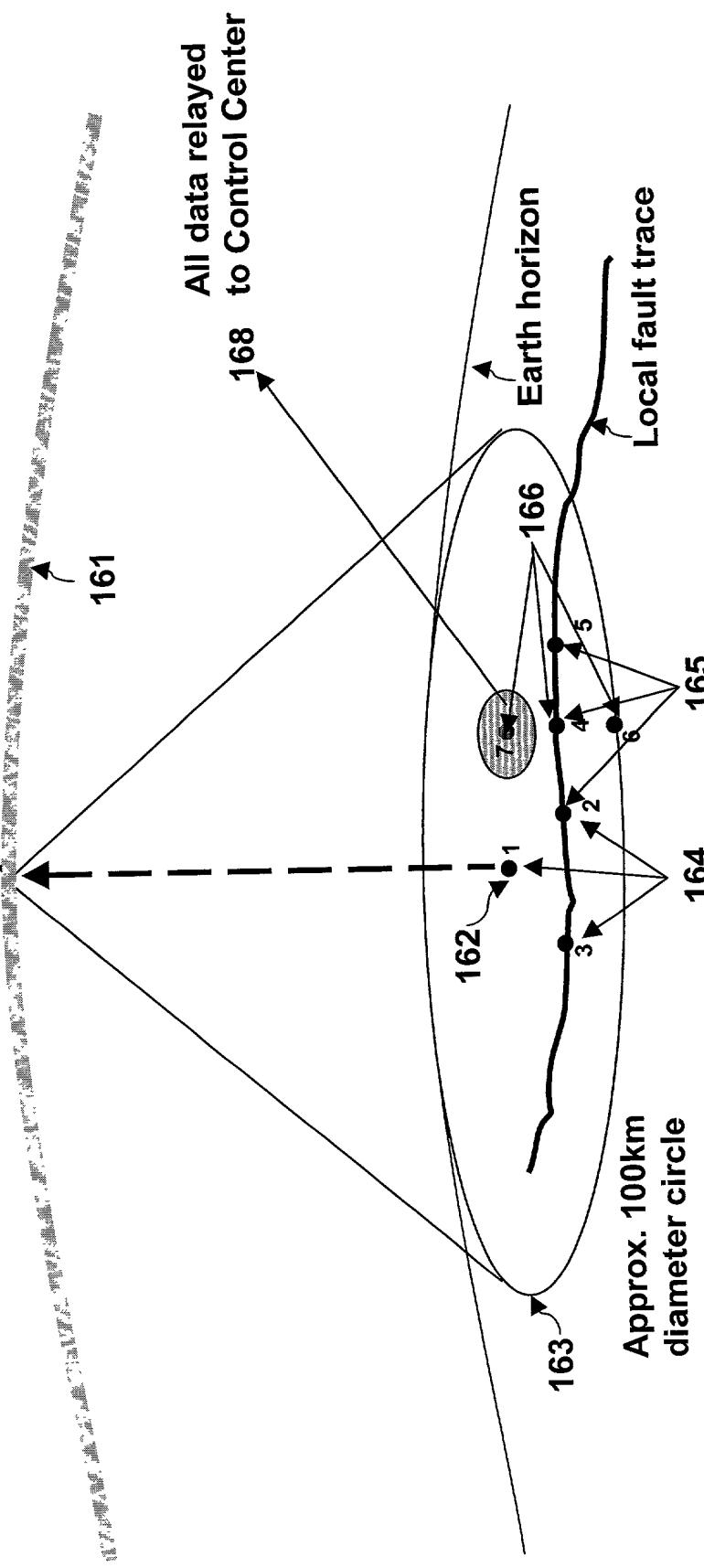
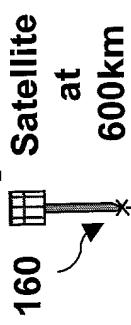


FIG. 16